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FILE 'HOME' ENTERED AT 10:28:40 ON 03 MAR 2003

=> file pnttext

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

FILE 'EUROPATFULL' ENTERED AT 10:28:54 ON 03 MAR 2003 COPYRIGHT (c) 2003 WILA Verlag Muenchen (WILA)

FILE 'PCTFULL' ENTERED AT 10:28:54 ON 03 MAR 2003 COPYRIGHT (C) 2003 Univentio

FILE 'USPATFULL' ENTERED AT 10:28:54 ON 03 MAR 2003 CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 10:28:54 ON 03 MAR 2003 CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> s Mohr, Bernhard/in

L1 33 MOHR, BERNHARD/IN

=> s 11 and alkoxylated

L2 8 L1 AND ALKOXYLATED

=> s 12 and (lysine or arginine or ornithine or tryptophan#)

L3 8 L2 AND (LYSINE OR ARGININE OR ORNITHINE OR TRYPTOPHAN#)

=> s 13 and alkylene oxide#

L4 2 L3 AND ALKYLENE OXIDE#

=> d 14 1-2

L4 ANSWER 1 OF 2 EUROPATFULL COPYRIGHT 2003 WILA



GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 1183299 EUROPATFULL ED 20030102 EW 200251 FS PS

TIEN POLYMERS THAT CONTAIN ALCOXYLATED, CONDENSED ALKALINE AMINO ACIDS AND METHOD OF PRODUCING SAID POLYMERS.

TIDE ALKOXYLIERTE, KONDENSIERTE BASISCHE AMINOSAEUREN ENTHALTENDE POLYMERE UND VERFAHREN ZU IHRER HERSTELLUNG.

TIFR POLYMERES ALKOXYLES CONTENANT DES ACIDES AMINES BASIQUES CONDENSES, ET PROCEDE DE PREPARATION.

IN MOHR, Bernhard, Obere Seegasse 12, D-69124 Heidelberg, DE; BOECKH, Dieter, Zeppelinstrasse 3, D-67117 Limburgerhof, DE; BORZYK, Oliver, Ludwigstrasse 58, D-67346 Speyer, DE

PA BASF AKTIENGESELLSCHAFT, 67056 Ludwigshafen, DE

SO Wila-EPS-2002-H51-T1

DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE;

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R IT; R LI; R LU; R MC; R NL; R PT; R SE
PIT
       EPB1 EUROPAEISCHE PATENTSCHRIFT
                                          (Internationale Anmeldung)
ΡI
       EP 1183299
                             B1 20021218
OD
                                20020306
ΑI
       EP 2000-931199
                                20000512
       US 1999-314116
PRAI
                                19990519
                           000512 INTAKZ
       WO 00-EP4293
RLI
       WO 00071601
                           001130 INTPNR
       EP 112593 A
                                EP 980862
REP
       WO 97-20879 A
                                WO 99-07813 A
REN
       DATABASE WPI Section Ch, Week 198001 Derwent Publications Ltd., London,
       GB; Class A21, AN 1980-01032C XP002144882 & JP54148898 A (ASAHI CHEM IND
       CO LTD), 21. November 1979 (1979-11-21)
IC
       ICM C08G069-10
       ICS C08G069-48
L4
     ANSWER 2 OF 2 USPATFULL
    Full
            CHAINE
   Text
          References
       2000:28100 USPATFULL
AN
ΤI
       Condensation products of basic amino acids with copolymerizable
       compounds and a process for their production
TN
       Mohr, Bernhard, Ludwigshafen, Germany, Federal Republic of
       Boeckh, Dieter, Ludwigshafen, Germany, Federal Republic of
       Norenberg, Ralf, Ludwigshafen, Germany, Federal Republic of
       Randall, Sherri, Ludwigshafen, Germany, Federal Republic of
       Panandiker, Rajan, Ludwigshafen, Germany, Federal Republic of
       Gosselink, Eugene Paul, Ludwigshafen, Germany, Federal Republic of
       Luipold, LeeAnn, Ludwigshafen, Germany, Federal Republic of
PA
       BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
       (non-U.S. corporation)
       US 6034204
ΡI
                                20000307
       US 1998-131282
AΙ
                                19980807 (9)
PRAI
       US 1997-55152P
                           19970808 (60)
DT
       Utility
FS
       Granted
LN.CNT 617
       INCLM: 528/328.000
INCL
       INCLS: 528/288.000; 528/289.000; 528/302.000; 528/303.000; 528/306.000;
              528/310.000; 528/332.000; 528/341.000; 528/345.000
NCL
       NCLM:
              528/328.000
       NCLS:
              528/288.000; 528/289.000; 528/302.000; 528/303.000; 528/306.000;
              528/310.000; 528/332.000; 528/341.000; 528/345.000
IC
       [7]
       ICM: C08G069-10
       528/288; 528/289; 528/302; 528/303; 528/306; 528/310; 528/328; 528/332;
EXF
       528/341; 528/345
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
=> s alkoxylated and polymer# and (lysine or arginine or ornithine or tryptophan#)
   2 FILES SEARCHED..
L5
          1355 ALKOXYLATED AND POLYMER# AND (LYSINE OR ARGININE OR ORNITHINE
               OR TRYPTOPHAN#)
=> s 15 and alkylene oxide#
           573 L5 AND ALKYLENE OXIDE#
=> s 16 and s 16 and (palmitic or stearic or lauric or octanoic or propionic or aceti
MISSING OPERATOR S L6
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.
=> s 16 and (palmitic or stearic or lauric or octanoic or propionic or acetic or adip
```

3 of 6

L7 562 L6 AND (PALMITIC OR STEARIC OR LAURIC OR OCTANOIC OR PROPIONIC OR ACETIC OR ADIPIC OR SUCCINIC OR CITRIC)

=> s 17 and homocondensat?

L8 2 L7 AND HOMOCONDENSAT?

=> d 18 1-2

L8 ANSWER 1 OF 2 EUROPATFULL COPYRIGHT 2003 WILA



GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 1183299 EUROPATFULL ED 20030102 EW 200251 FS PS

TIEN **POLYMERS** THAT CONTAIN ALCOXYLATED, CONDENSED ALKALINE AMINO ACIDS AND METHOD OF PRODUCING SAID **POLYMERS**.

TIDE ALKOXYLIERTE, KONDENSIERTE BASISCHE AMINOSAEUREN ENTHALTENDE **POLYMERE** UND VERFAHREN ZU IHRER HERSTELLUNG.

TIFR POLYMERES ALKOXYLES CONTENANT DES ACIDES AMINES BASIQUES CONDENSES, ET PROCEDE DE PREPARATION.

IN MOHR, Bernhard, Obere Seegasse 12, D-69124 Heidelberg, DE; BOECKH, Dieter, Zeppelinstrasse 3, D-67117 Limburgerhof, DE; BORZYK, Oliver, Ludwigstrasse 58, D-67346 Speyer, DE

PA BASF AKTIENGESELLSCHAFT, 67056 Ludwigshafen, DE

SO Wila-EPS-2002-H51-T1

DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE

PIT EPB1 EUROPAEISCHE PATENTSCHRIFT (Internationale Anmeldung)

<u>PI</u> <u>EP 1183299</u> B1 20021218 20020306

AI EP 2000-931199 20000512 PRAI US 1999-314116 19990519

RLI WO 00-EP4293 000512 INTAKZ WO 00071601 001130 INTPNR

REP EP 112593 A EP 980862 A WO 97-20879 A WO 99-07813 A

REN DATABASE WPI Section Ch, Week 198001 Derwent Publications Ltd., London, GB; Class A21, AN 1980-01032C XP002144882 & JP54148898 A (ASAHI CHEM IND CO LTD), 21. November 1979 (1979-11-21)

IC ICM C08G069-10 ICS C08G069-48

L8 ANSWER 2 OF 2 USPATFULL

Full Citing Text References

AN 1998:48551 USPATFULL

TI Modified polyaspartic acids, preparation thereof and use thereof

IN Kroner, Matthias, Eisenberg, Germany, Federal Republic of Hartmann, Heinrich, Limburgerhof, Germany, Federal Republic of Boeckh, Dieter, Limburgerhof, Germany, Federal Republic of Funhoff, Angelika, Heidelberg, Germany, Federal Republic of Baur, Richard, Mutterstadt, Germany, Federal Republic of Kud, Alexander, Eppelsheim, Germany, Federal Republic of Schwendemann, Volker, Neustadt, Germany, Federal Republic of Potthoff-Karl, Birgit, Ludwigshafen, Germany, Federal Republic of Buechner, Karl-Heinz, Altlussheim, Germany, Federal Republic of

PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation)

<u>PI US 5747635</u> 19980505

WO 9401486 19940120

AI US 1995-360684 19950103 (8) WO 1993-EP1588 19930622

19950103 PCT 371 date

19950103 PCT 102(e) date

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DE 1992-4221875
                           19920703
PRAI
       Utility
DT
FS
       Granted
LN.CNT 1198
INCL
       INCLM: 528/328.000
       INCLS: 252/089.100; 426/051.000; 525/418.000; 525/419.000; 525/420.000;
              526/303.100; 526/304.000; 526/307.000; 526/312.000; 528/190.000;
              528/327.000; 528/363.000
              528/328.000
NCL
       NCLM:
              426/051.000; 525/418.000; 525/419.000; 525/420.000; 526/303.100;
       NCLS:
              526/304.000; 526/307.000; 526/312.000; 528/190.000; 528/327.000;
              528/363.000
IC
       [6]
       ICM: C08G069-10
       ICS: A23B007-10; C08F020-54
       528/190; 528/327; 528/328; 528/363; 525/418; 525/419; 525/420; 252/891;
EXF
       426/51; 526/303.1; 526/304; 526/307; 526/312
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
=> s 17 and condensat?
           508 L7 AND CONDENSAT?
=> s 19 and cocondensat?
L10
             3 L9 AND COCONDENSAT?
=> d 1101-3
'L999-15' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d 110 1-3
'D' IS NOT A VALID FORMAT
'L50' IS NOT A VALID FORMAT
'1-3' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d his
'D' IS NOT A VALID FORMAT
'HIS' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT): Y
'Y' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d 110 1-3
'D' IS NOT A VALID FORMAT
'L50' IS NOT A VALID FORMAT
'1-3' IS NOT A VALID FORMAT
In a multifile environment, a format can only be used if it is valid
in at least one of the files. Refer to file specific help messages
or the STNGUIDE file for information on formats available in
individual files.
REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):
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L10 ANSWER 1 OF 3 EUROPATFULL COPYRIGHT 2003 WILA

 $\frac{\text{REP}}{\text{WO}} = \frac{\text{EP}}{\text{WO}} = \frac{112593}{97-20879} \text{ A}$ $\frac{\text{EP}}{\text{WO}} = \frac{980862}{99-07813} \text{ A}$

REN DATABASE WPI Section Ch, Week 198001 Derwent Publications Ltd., London, GB; Class A21, AN 1980-01032C XP002144882 & JP54148898 A (ASAHI CHEM IND CO LTD), 21. November 1979 (1979-11-21)

=> d 110 1-3

. . . . 5

L10 ANSWER 1 OF 3 EUROPATFULL COPYRIGHT 2003 WILA



GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 1183299 EUROPATFULL ED 20030102 EW 200251 FS PS

TIEN **POLYMERS** THAT CONTAIN ALCOXYLATED, CONDENSED ALKALINE AMINO ACIDS AND METHOD OF PRODUCING SAID **POLYMERS**.

TIDE ALKOXYLIERTE, KONDENSIERTE BASISCHE AMINOSAEUREN ENTHALTENDE **POLYMERE** UND VERFAHREN ZU IHRER HERSTELLUNG.

TIFR POLYMERES ALKOXYLES CONTENANT DES ACIDES AMINES BASIQUES CONDENSES, ET PROCEDE DE PREPARATION.

IN MOHR, Bernhard, Obere Seegasse 12, D-69124 Heidelberg, DE; BOECKH, Dieter, Zeppelinstrasse 3, D-67117 Limburgerhof, DE; BORZYK, Oliver, Ludwigstrasse 58, D-67346 Speyer, DE

PA BASF AKTIENGESELLSCHAFT, 67056 Ludwigshafen, DE

SO Wila-EPS-2002-H51-T1

DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE

PIT EPB1 EUROPAEISCHE PATENTSCHRIFT (Internationale Anmeldung)

<u>PI</u> <u>EP 1183299</u> B1 20021218

OD 20020306

AI EP 2000-931199 20000512 PRAI US 1999-314116 19990519 RLI WO 00-EP4293 000512 INTAKZ

WO 00071601 001130 INTPNR

REP EP 112593 A EP 980862 A WO 97-20879 A WO 99-07813 A

REN DATABASE WPI Section Ch, Week 198001 Derwent Publications Ltd., London, GB; Class A21, AN 1980-01032C XP002144882 & JP54148898 A (ASAHI CHEM IND CO LTD), 21. November 1979 (1979-11-21)

IC ICM C08G069-10 ICS C08G069-48

L10 ANSWER 2 OF 3 USPATFULL

Full Citing Text References

AN 1998:48551 USPATFULL

TI Modified polyaspartic acids, preparation thereof and use thereof

IN Kroner, Matthias, Eisenberg, Germany, Federal Republic of Hartmann, Heinrich, Limburgerhof, Germany, Federal Republic of Boeckh, Dieter, Limburgerhof, Germany, Federal Republic of Funhoff, Angelika, Heidelberg, Germany, Federal Republic of Baur, Richard, Mutterstadt, Germany, Federal Republic of Kud, Alexander, Eppelsheim, Germany, Federal Republic of Schwendemann, Volker, Neustadt, Germany, Federal Republic of Potthoff-Karl, Birgit, Ludwigshafen, Germany, Federal Republic of Buechner, Karl-Heinz, Altlussheim, Germany, Federal Republic of

PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation)

PI US 5747635 19980505

WO 9401486 19940120

AI US 1995-360684 19950103 (8)

WO 1993-EP1588 19930622 19950103 PCT 371 date 19950103 PCT 102(e) date DE 1992-4221875 PRAI 19920703 Utility $\overline{\mathrm{DT}}$ FS Granted LN.CNT 1198 INCL INCLM: 528/328.000 INCLS: 252/089.100; 426/051.000; 525/418.000; 525/419.000; 525/420.000; 526/303.100; 526/304.000; 526/307.000; 526/312.000; 528/190.000; 528/327.000; 528/363.000 NCL NCLM: 528/328.000 NCLS: 426/051.000; 525/418.000; 525/419.000; 525/420.000; 526/303.100; 526/304.000; 526/307.000; 526/312.000; 528/190.000; 528/327.000; 528/363.000 IC [6] ICM: C08G069-10 ICS: A23B007-10; C08F020-54 EXF 528/190; 528/327; 528/328; 528/363; 525/418; 525/419; 525/420; 252/891; 426/51; 526/303.1; 526/304; 526/307; 526/312 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 3 USPATFULL

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Full Citing Text References

ΑN 95:105897 USPATFULL TIAqueous polyurethane dispersions IN Wallon, Alexander, Limburgerhof, Germany, Federal Republic of Auchter, Gerhard, Bad Duerkheim, Germany, Federal Republic of Licht, Ulrike, Mannheim, Germany, Federal Republic of Haeberle, Karl, Speyer, Germany, Federal Republic of Funhoff, Angelika, Heidelberg, Germany, Federal Republic of PA BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of (non-U.S. corporation) PΙ US 5470907 19951128 $\overline{\mathtt{AI}}$ US 1994-263233 19940621 (8) PRAI DE 1993-4320455 19930621 DT Utility FS Granted LN.CNT 881 INCL INCLM: 524/507.000 INCLS: 524/591.000; 524/839.000; 524/840.000; 525/455.000 NCL NCLM: 524/507.000 NCLS: 524/591.000; 524/839.000; 524/840.000; 525/455.000 IC [6] ICM: C08J003-00 ICS: C08K003-20; C08L075-00; C08F283-04 524/591; 524/839; 524/840; 524/507; 525/455 EXF

=>

=> s alkoxylat? and amino acid# and polymer#

9392 ALKOXYLAT?

180433 AMINO

502192 ACID#

65019 AMINO ACID#

(AMINO(W)ACID#)

303667 POLYMER#

L55 725 ALKOXYLAT? AND AMINO ACID# AND POLYMER#

=> s 155 and lysine

25845 LYSINE

L56 179 L55 AND LYSINE

=> s 156 and condensat?

145933 CONDENSAT?

L57 86 L56 AND CONDENSAT?

=> s 157 and addition product#

1318564 ADDITION

791378 PRODUCT#

9108 ADDITION PRODUCT#

(ADDITION(W) PRODUCT#)

L58 22 L57 AND ADDITION PRODUCT#

=> s 158 and alkylene oxide#

75315 ALKYLENE

379493 OXIDE#

20587 ALKYLENE OXIDE#

(ALKYLENE(W)OXIDE#)

L59 19 L58 AND ALKYLENE OXIDE#

=> s 159 and alkylating agent#

18314 ALKYLATING

464414 AGENT#

12640 ALKYLATING AGENT#

(ALKYLATING (W) AGENT#)

L60 0 L59 AND ALKYLATING AGENT#

=> s 159 and (alkyl halide# or dialkyl sulfate#)

266462 ALKYL

125344 HALIDE#

16004 ALKYL HALIDE#

(ALKYL(W)HALIDE#)

38177 DIALKYL

183811 SULFATE#

1864 DIALKYL SULFATE#

(DIALKYL (W) SULFATE#)

L61

=> d 161 1-3

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ANSWER 1 OF 3 USPATFULL
L61
       86:48142 USPATFULL
       Stabilizer-containing reactive components for pu-foams, new stabilizers
TI
       and a process for producing these stabilizers
       Buysch, Hans-Josef, Krefeld, Germany, Federal Republic of
IN
       Illger, Hans-Walter, Roesrath, Germany, Federal Republic of
       Dorner, Karl H., Pulheim, Germany, Federal Republic of
Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PA
       (non-U.S. corporation)
       US 4608399 19860826
PΙ
ΑI
       US 1985-789262 19851018 (6)
       Division of Ser. No. US 1984-651397, filed on 17 Sep 1984, now
RLI
patented,
       Pat. No. US 4565834 which is a continuation of Ser. No. US 1983-547185,
       filed on 31 Oct 1983, now abandoned which is a division of Ser. No. US
       1982-395552, filed on 6 Jul 1982, now patented, Pat. No. US 4430452
       DE 1981-3127750
                           19810714
PRAI
DT
       Utility
LN.CNT 1302
INCL
       INCLM: 521/129.000
       INCLS: 521/107.000; 521/120.000; 521/121.000; 544/032.000; 544/035.000;
              544/057.000; 544/102.000; 564/434.000; 558/190.000
       NCLM:
              521/129.000
NCL
              521/107.000; 521/120.000; 521/121.000; 544/032.000; 544/035.000;
       NCLS:
              544/057.000; 544/102.000; 558/190.000; 564/434.000
IC
       [4]
       ICM: C08J009-00
       260/920; 521/107; 521/120; 521/121; 521/129; 544/32; 544/35; 544/57;
EXF
       544/102; 564/434
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 2 OF 3 USPATFULL
L61
       86:3566 USPATFULL
ΑN
       Stabilizer-containing reactive components for pu-foams, new stabilizers
ΤI
       and a process for producing these stabilizers
       Buysch, Hans-Josef, Krefeld, Germany, Federal Republic of
IN
       Illger, Hans-Walter, Roesrath, Germany, Federal Republic of
       Dorner, Karl H., Pulheim, Germany, Federal Republic of
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PA
       (non-U.S. corporation)
       US 4565834 19860121
PΙ
       US 1984-651397 19840917 (6)
ΑI
       Continuation of Ser. No. US 1983-547185, filed on 31 Oct 1983, now
RLI
       abandoned which is a division of Ser. No. US 1982-395552, filed on 6
Jul
       1982, now patented, Pat. No. US 4430452
       DE 1981-3127750
                           19810714
PRAI
       Utility
LN.CNT 1307
       INCLM: 521/121.000
INCL
       INCLS: 260/920.000; 521/129.000; 544/032.000; 544/035.000; 544/038.000;
              544/057.000; 544/102.000; 564/434.000
              521/121.000
NCL
       NCLM:
              521/129.000; 544/032.000; 544/035.000; 544/038.000; 544/057.000;
       NCLS:
              544/102.000; 558/155.000; 558/231.000; 558/270.000; 564/434.000
IC
       [4]
       ICM: C08J009-00
       521/107; 521/121; 521/129; 544/32; 544/35; 544/38; 544/57; 544/102;
EXF
```

L59 ANSWER 1 OF 19 USPATFULL ΑN TI ΙN BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of PA (non-U.S. corporation) US 6034204 20000307 US 1998-131282 19980807 (9) AΙ 19970808 (60) US 1997-55152 PRAI Utility LN.CNT 617 TNCL INCLM: 528/328.000 INCLS: 528/288.000; 528/289.000; 528/302.000; 528/303.000; 528/306.000; 528/310.000; 528/332.000; 528/341.000; 528/345.000 528/328.000 NCL NCLM: 528/288.000; 528/289.000; 528/302.000; 528/303.000; 528/306.000; 528/310.000; 528/332.000; 528/341.000; 528/345.000 IC [7] ICM: C08G069-10 528/288; 528/289; 528/302; 528/303; 528/306; 528/310; 528/328; 528/332; EXF 528/341; 528/345 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

Modified polyaspartic acids, preparation thereof and use thereof

L59 ANSWER 2 OF 19 USPATFULL 1998:48551 USPATFULL

AN

ΤI

```
Kroner, Matthias, Eisenberg, Germany, Federal Republic of
IN
       Hartmann, Heinrich, Limburgerhof, Germany, Federal Republic of
       Boeckh, Dieter, Limburgerhof, Germany, Federal Republic of
       Funhoff, Angelika, Heidelberg, Germany, Federal Republic of
       Baur, Richard, Mutterstadt, Germany, Federal Republic of
       Kud, Alexander, Eppelsheim, Germany, Federal Republic of
       Schwendemann, Volker, Neustadt, Germany, Federal Republic of
       Potthoff-Karl, Birgit, Ludwigshafen, Germany, Federal Republic of
       Buechner, Karl-Heinz, Altlussheim, Germany, Federal Republic of
       BASF Aktiengesellschaft, Ludwigshafen, Germany, Federal Republic of
PA
       (non-U.S. corporation)
       US 5747635 19980505
ΡI
       WO 9401486
                 19940120
ΑI
      US 1995-360684
                      19950103 (8)
      WO 1993-EP1588
                      19930622
              19950103 PCT 371 date
              19950103 PCT 102(e) date
PRAI
       DE 1992-4221875
                           19920703
       Utility
DT
LN.CNT 1198
       INCLM: 528/328.000
INCL
       INCLS: 252/089.100; 426/051.000; 525/418.000; 525/419.000; 525/420.000;
              526/303.100; 526/304.000; 526/307.000; 526/312.000; 528/190.000;
              528/327.000; 528/363.000
NCL
      NCLM:
              528/328.000
              426/051.000; 525/418.000; 525/419.000; 525/420.000; 526/303.100;
      NCLS:
              526/304.000; 526/307.000; 526/312.000; 528/190.000; 528/327.000;
              528/363.000
IC
       [6]
       ICM: C08G069-10
       ICS: A23B007-10; C08F020-54
       528/190; 528/327; 528/328; 528/363; 525/418; 525/419; 525/420; 252/891;
EXF
       426/51; 526/303.1; 526/304; 526/307; 526/312
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L59 ANSWER 3 OF 19 USPATFULL
ΑN
       91:93356 USPATFULL
       Process for the preparation of polyurethane plastics using
TI
       dianhydro-hexite diols
      Meyborg, Holger, Odenthal, Germany, Federal Republic of
IN
      Wagner, Kuno, Leverkusen, Germany, Federal Republic of
       Barnes, James M., Wermelskirchen, Germany, Federal Republic of
       Salzburg, Herbert, Cologne, Germany, Federal Republic of
      Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PA
       (non-U.S. corporation)
      US 33748 19911119
PΙ
      US 4383051 19830510 (Original)
      US 1985-733284 19850510 (6)
ΑI
      US 1982-357118 19820311 (Original)
      DE 1981-3111093
                           19810320
PRAI
      Reissue
DT
LN.CNT 713
       INCLM: 521/176.000
INCL
       INCLS: 521/174.000; 528/073.000; 549/466.000
NCL
       NCLM:
              521/176.000
              521/174.000; 528/073.000; 549/466.000
      NCLS:
       [5]
IC
       ICM: C08G018-00
       ICS: C08G018-28; C07D307-87; C07D307-93
EXF
       521/176; 521/174; 528/73; 549/466
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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L59 ANSWER 4 OF 19 USPATFULL

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ΑN
      89:15153 USPATFULL
      Polyether-polycarbonate diols and processes for their production and
ΤI
      Konig, Klaus, Odenthal, Germany, Federal Republic of
IN
      Barnes, James M., Wermelskirchen, Germany, Federal Republic of
      Bayer Aktiengesellschaft, Leverkusen Bayerwerk, Germany, Federal
PA
      Republic of (non-U.S. corporation)
PΙ
      US 4808691 19890228
      US 1988-193303 19880511 (7)
ΑT
                           19870521
      DE 1987-3717060
PRAI
      Utility
LN.CNT 1353
      INCLM: 528/076.000
INCL
      INCLS: 528/367.000; 528/370.000; 528/372.000; 558/266.000
              528/076.000
NCL
      NCLM:
              528/367.000; 528/370.000; 528/372.000; 558/266.000
      NCLS:
       [4]
IC
       ICM: C08G018-32
       528/76; 528/367; 528/370; 528/372; 558/266
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L59 ANSWER 5 OF 19 USPATFULL
       87:11439 USPATFULL
      Process for the production of polyurethanes
TI
      Rasshofer, Werner, Cologne, Germany, Federal Republic of
IN
       Freitag, Hans-Albrecht, Coraopolis, PA, United States
      Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PΑ
       (non-U.S. corporation)
      US 4644016 19870217
      US 1985-761278 19850801 (6)
ΑT
                           19840810
      DE 1984-3429503
PRAI
      Utility
LN.CNT 835
INCL
      INCLM: 521/129.000
       INCLS: 528/053.000; 521/128.000
      NCLM: 521/129.000
NCL
              521/128.000; 528/053.000
      NCLS:
       [4]
IC
       ICM: C08G018-14
       ICS: C08G018-18; C08G018-20
EXF
       528/53; 521/129
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L59 ANSWER 6 OF 19 USPATFULL
       86:48142 USPATFULL
ΑN
       Stabilizer-containing reactive components for pu-foams, new stabilizers
ΤI
       and a process for producing these stabilizers
       Buysch, Hans-Josef, Krefeld, Germany, Federal Republic of
IN
       Illger, Hans-Walter, Roesrath, Germany, Federal Republic of
       Dorner, Karl H., Pulheim, Germany, Federal Republic of
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PA
       (non-U.S. corporation)
       US 4608399 19860826
PΙ
       US 1985-789262 19851018 (6)
IΑ
       Division of Ser. No. US 1984-651397, filed on 17 Sep 1984, now
RLI
patented,
       Pat. No. US 4565834 which is a continuation of Ser. No. US 1983-547185,
       filed on 31 Oct 1983, now abandoned which is a division of Ser. No. US
       1982-395552, filed on 6 Jul 1982, now patented, Pat. No. US 4430452
                           19810714
PRAI
       DE 1981-3127750
       Utility
DT
LN.CNT 1302
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INCLM: 521/129.000

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INCLS: 521/107.000; 521/120.000; 521/121.000; 544/032.000; 544/035.000;
              544/057.000; 544/102.000; 564/434.000; 558/190.000
NCL
              521/129.000
       NCLM:
       NCLS:
              521/107.000; 521/120.000; 521/121.000; 544/032.000; 544/035.000;
              544/057.000; 544/102.000; 558/190.000; 564/434.000
IC
       [4]
       ICM: C08J009-00
       260/920; 521/107; 521/120; 521/121; 521/129; 544/32; 544/35; 544/57;
EXF
       544/102; 564/434
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L59 ANSWER 7 OF 19 USPATFULL
       86:3566 USPATFULL
AN
ΤI
       Stabilizer-containing reactive components for pu-foams, new stabilizers
       and a process for producing these stabilizers
       Buysch, Hans-Josef, Krefeld, Germany, Federal Republic of
IN
       Illger, Hans-Walter, Roesrath, Germany, Federal Republic of
       Dorner, Karl H., Pulheim, Germany, Federal Republic of
PA
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
       (non-U.S. corporation)
PT
       US 4565834 19860121
       US 1984-651397 19840917 (6)
ΑI
       Continuation of Ser. No. US 1983-547185, filed on 31 Oct 1983, now
RLI
       abandoned which is a division of Ser. No. US 1982-395552, filed on 6
Jul
       1982, now patented, Pat. No. US 4430452
       DE 1981-3127750
PRAI
                           19810714
       Utility
DΨ
LN.CNT 1307
INCL
       INCLM: 521/121.000
       INCLS: 260/920.000; 521/129.000; 544/032.000; 544/035.000; 544/038.000;
              544/057.000; 544/102.000; 564/434.000
NCL
       NCLM:
              521/121.000
       NCLS:
              521/129.000; 544/032.000; 544/035.000; 544/038.000; 544/057.000;
              544/102.000; 558/155.000; 558/231.000; 558/270.000; 564/434.000
IC
       [4]
       ICM: C08J009-00
EXF
       521/107; 521/121; 521/129; 544/32; 544/35; 544/38; 544/57; 544/102;
       564/434; 260/920
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L59
    ANSWER 8 OF 19 USPATFULL
       85:59617 USPATFULL
ΤI
       Process for the production of highly elastic foams containing urethane
       groups and foams obtainable by this process
IN
       Muller, Hanns P., Odenthal, Germany, Federal Republic of
       Hettel, Hans, Cologne, Germany, Federal Republic of
       Wagner, Kuno, Leverkusen, Germany, Federal Republic of
       Vogtel, Peter, Leverkusen, Germany, Federal Republic of
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PΑ
       (non-U.S. corporation)
PΙ
       US 4546116 19851008
       US 1984-652930 19840921 (6)
AΤ
PRAI
       DE 1983-3336029
                           19831004
       Utility
DT
LN.CNT 950
INCL
       INCLM: 521/106.000
       INCLS: 521/118.000; 521/125.000; 521/128.000; 521/160.000; 521/167.000;
              521/904.000; 521/908.000; 528/078.000
NCL
       NCLM:
              521/106.000
              521/118.000; 521/125.000; 521/128.000; 521/160.000; 521/167.000;
       NCLS:
              521/904.000; 521/908.000; 528/078.000
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IC

[4]

ICS: C08G018-32 521/106; 521/125; 521/118; 521/128; 521/160; 521/904; 521/908; 528/78 EXF CAS INDEXING IS AVAILABLE FOR THIS PATENT. L59 ANSWER 9 OF 19 USPATFULL 85:10635 USPATFULL AN ТT Process for the preparation of a cellular polyurethane Rasshofer, Werner, Cologne, Germany, Federal Republic of IN Prolingheuer, Ernst-Christoph, Herne, Germany, Federal Republic of Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of PΑ (non-U.S. corporation) US 4500656 19850219 ΡI US 1984-594054 19840328 (6) ΑI PRAI DE 1983-3312215 19830405 Utility DΨ LN.CNT 1368 INCL INCLM: 521/164.000 INCLS: 521/904.000 NCL NCLM: 521/164.000 NCLS: 521/904.000 [3] IC ICM: C08G018-14 ICS: C08G018-32 521/164; 521/904 EXF CAS INDEXING IS AVAILABLE FOR THIS PATENT. ANSWER 10 OF 19 USPATFULL L59 84:7556 USPATFULL ΑN Stabilizer-containing reactive components for PU-foams, new stabilizers TI and a process for producing these stabilizers Buysch, Hans-Josef, Krefeld, Germany, Federal Republic of TN Illger, Hans-Walter, Roesrath, Germany, Federal Republic of Dorner, Karl H., Pulheim, Germany, Federal Republic of PA Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of (non-U.S. corporation) PΙ US 4430452 19840207 US 1982-395552 19820706 (6) ΑI DE 1981-3127750 19810714 PRAI Utility LN.CNT 1305 INCLM: 521/107.000 INCL INCLS: 521/121.000; 544/032.000; 544/035.000; 544/057.000; 544/102.000 NCL NCLM: 521/107.000 NCLS: 521/121.000; 544/032.000; 544/035.000; 544/057.000; 544/102.000 IC [3] ICM: C08J009-36 EXF 521/121; 521/107; 544/32; 544/35; 544/57; 544/102; 544/344 CAS INDEXING IS AVAILABLE FOR THIS PATENT. ANSWER 11 OF 19 USPATFULL L59 NA 83:18197 USPATFULL Process for the preparation of polyurethane plastics using TΤ dianhydro-hexite diols IN Meyborg, Holger, Odenthal, Germany, Federal Republic of Wagner, Kuno, Leverkusen, Germany, Federal Republic of Barnes, James M., Wermelskirchen, Germany, Federal Republic of Salzburg, Herbert, Cologne, Germany, Federal Republic of Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of PΑ (non-U.S. corporation) ΡĮ US 4383051 19830510 US 1982-357118 19820311 (6) ΑI PRAI DE 1981-3111093 19810320

ICM: C08G018-14

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DT
       Utility
LN.CNT 694
INCL
       INCLM: 521/176.000
       INCLS: 521/174.000; 528/073.000; 549/466.000
NCL
              521/176.000
              521/174.000; 528/073.000; 549/466.000
       NCLS:
IC
       [3]
       ICM: C08G018-14
       ICS: C08G018-32
       521/174; 521/176; 528/73; 549/466
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L59 ANSWER 12 OF 19 USPATFULL
AN
       83:1869 USPATFULL
ΤI
       Process for the production of polyurethanes using cyclic
       N-hydroxyalkyl-substituted compounds containing amidine groups as
       catalysts
IN
       Rasshofer, Werner, Cologne, Germany, Federal Republic of
       Grogler, Gerhard, Leverkusen, Germany, Federal Republic of
       Findeisen, Kurt, Odenthal, Germany, Federal Republic of
PA
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
       (non-U.S. corporation)
ΡI
       US 4368278 19830111
ΑI
       US 1981-251011 19810403 (6)
PRAI
       DE 1980-3015440
                           19800422
       Utility
DT
LN.CNT 900
INCL
       INCLM: 521/115.000
       INCLS: 521/118.000; 528/049.000
NCT.
       NCLM: 521/115.000
       NCLS: 521/118.000; 528/049.000
TC
       [3]
       ICM: C08G018-14
EXF
       521/115; 521/118; 528/49
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
    ANSWER 13 OF 19 USPATFULL
L59
       82:38217 USPATFULL
NA
TI
       Process for the production of tires comprising vulcanized elastomers
       containing urethane groups
IN
       Schwindt, Jurgen, Leverkusen, Germany, Federal Republic of
       Ganster, Otto, Leverkusen, Germany, Federal Republic of
       Meiners, Hans-Joachim, Leverkusen, Germany, Federal Republic of
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PΑ
       (non-U.S. corporation)
PΙ
       US 4343339 19820810
       US 1980-189496 19800922 (6)
ΑI
       Continuation of Ser. No. US 1979-69452, filed on 24 Aug 1979, now
RLI
       abandoned
      DE 1978-2838756
                           19780906
PRAI
      Utility
LN.CNT 796
INCL
      INCLM: 152/209.000R
       INCLS: 528/061.000; 528/064.000; 528/075.000; 528/044.000; 528/503.000;
              152/330.000R
              152/209.100
NCT.
      NCLM:
      NCLS:
             152/450.000; 152/905.000; 528/044.000; 528/061.000; 528/064.000;
              528/075.000; 528/503.000
IC
       [3]
       ICM: C08G018-82
       ICS: C08G018-62; B60C001-00
       528/61; 528/64; 528/75; 528/503
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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L59 ANSWER 14 OF 19 USPATFULL
NA
       82:25442 USPATFULL
       Process for the production of polyurethane plastics
ΤI
       Sommerfeld, Claus-Dieter, Cologne, Germany, Federal Republic of
IN
       Haas, Peter, Haan, Germany, Federal Republic of
       Wagner, Kuno, Leverkusen, Germany, Federal Republic of
Kapps, Manfred, Bergisch-Gladbach, Germany, Federal Republic of
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PA
       (non-U.S. corporation)
ΡI
       US 4331778 19820525
       US 1979-102162 19791210 (6)
ΑI
       DE 1978-2854384
PRAI
                            19781216
DT
       Utility
LN.CNT 1087
INCL
       INCLM: 521/129.000
       INCLS: 528/053.000; 564/508.000; 564/511.000; 564/512.000
NCL
       NCLM: 521/129.000
       NCLS:
              528/053.000; 564/508.000; 564/511.000; 564/512.000
IC
       [3]
       ICM: C08G018-14
       ICS: C08G018-18
       521/129; 528/53
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L59 ANSWER 15 OF 19 USPATFULL
       82:15120 USPATFULL
AN
       Methylolated mono- and oligosaccharides
TI
       Wagner, Kuno, Leverkusen, Germany, Federal Republic of
IN
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PA
       (non-U.S. corporation)
PΙ
       US 4322523 19820330
       US 1979~60241 19790725 (6)
ΑI
       DE 1978-2833138
PRAI
                           19780728
       Utility
DT
LN.CNT 2162
       INCLM: 536/004.000
INCL
       INCLS: 521/155.000; 521/158.000; 521/107.000; 521/109.000; 536/001.000;
              536/002.000; 536/018.000; 536/095.000; 536/102.000; 536/115.000;
              536/117.000; 536/120.000; 560/157.000; 528/272.000; 528/405.000;
              536/043.000; 536/030.000
              536/001.110
NCL
       NCLM:
              521/107.000; 521/109.100; 521/155.000; 521/158.000; 528/077.000;
       NCLS:
              528/085.000; 536/002.000; 536/004.100; 536/018.700; 536/030.000;
              536/043.000; 536/095.000; 536/102.000; 536/115.000; 536/117.000;
              536/120.000; 560/157.000
IC
       [3]
       ICM: C07H015-04
       ICS: C07H001-00
       536/1; 536/4; 536/120; 536/2; 536/43; 536/18; 536/30; 536/95; 536/102
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L59 ANSWER 16 OF 19 USPATFULL
       81:49139 USPATFULL
AN
       Process for the production of highly elastic foams containing urethane
ΤI
       groups from polyethers, modified polyisocyanates and cross-linking
       agents
       Muller, Hanns P., Odenthal, Germany, Federal Republic of
ΙN
       Rabe, Hansjurgen, Leverkusen, Germany, Federal Republic of
       Wagner, Kuno, Leverkusen, Germany, Federal Republic of
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PA
       (non-U.S. corporation)
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US 4288566 19810908

PΙ

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ΑI
        US 1980-120250 19800211 (6)
 PRAI
        DE 1979-2906879
                            19790222
 DT
        Utility
 LN.CNT 796
        INCLM: 521/158.000
 INCL
        INCLS: 521/159.000; 521/160.000; 521/161.000; 521/163.000; 521/167.000;
               521/172.000; 521/173.000; 521/174.000; 521/176.000
 NCL
       NCLM:
               521/158.000
       NCLS:
               521/159.000; 521/160.000; 521/161.000; 521/163.000; 521/167.000;
               521/172.000; 521/173.000; 521/174.000; 521/176.000
 IC
        [3]
       ICM: C08G018-14
       521/158; 521/159; 521/160; 521/161; 521/163; 521/167; 521/172; 521/173;
 EXF
        521/174; 521/176
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L59 ANSWER 17 OF 19 USPATFULL
AΝ
       81:46384 USPATFULL
       Extrusion process for the preparation of polyurethane ureas
TΙ
IN
       Quiring, Bernd, Leverkusen, Germany, Federal Republic of
       Wenzel, Wolfgang, Bergisch Gladbach, Germany, Federal Republic of
       Niederdellmann, Georg, Dormagen, Germany, Federal Republic of
       Wagner, Hans, Dormagen, Germany, Federal Republic of
       Goyert, Wilhelm, Cologne, Germany, Federal Republic of
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PA
       (non-U.S. corporation)
PΙ
       US 4286080 19810825
AΙ
       US 1980-161613 19800620 (6)
       DE 1979-2925944
PRAI
                           19790627
       Utility
DT
LN.CNT 1074
INCL
       INCLM: 525/455.000
       INCLS: 264/176.000R; 528/044.000; 528/049.000; 528/069.000; 528/075.000
NCL
       NCLM: 525/455.000
       NCLS: 264/331.190; 528/044.000; 528/049.000; 528/069.000; 528/075.000
IC
       [3]
       ICM: C08G018-08
       ICS: C08G018-63
EXF
       528/44; 528/69; 525/455
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L59 ANSWER 18 OF 19 USPATFULL
       81:9305 USPATFULL
ΑN
TΙ
       Suspensions of isocyanate distillation residues in polyols
       Reischl, Artur, Leverkusen, Germany, Federal Republic of
ΙN
PΑ
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
       (non-U.S. corporation)
PΙ
       US 4251401 19810217
       US 1979-88809 19791029 (6)
AΤ
      DE 1978-2846814
PRAT
                           19781027
DT
      Utility
LN.CNT 1229
INCL
       INCLM: 260/009.000
       INCLS: 260/030.800R; 260/031.200N; 260/032.600N; 260/033.200R;
              525/424.000; 525/433.000; 525/439.000; 525/452.000; 525/461.000
NCL
      NCLM:
              524/027.000
              524/078.000; 524/386.000; 524/589.000; 524/590.000; 524/591.000;
      NCLS:
              524/592.000; 525/424.000; 525/433.000; 525/439.000; 525/452.000;
              525/461.000
IC
       [3]
      ICM: C08L075-00
EXF
      260/31.2N; 260/30.8R; 260/9; 260/33.2R; 260/32.6N; 525/424; 525/439;
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525/433; 525/440; 525/452; 525/461

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L59
     ANSWER 19 OF 19 USPATFULL
       75:12406 USPATFULL
ΑN
ΤI
       Preparation of cross-linked particles of polyurethane or polyurea
       containing ionic groups
       Witt, Harro, Cologne-Buchheim, Germany, Federal Republic of
IN
       Dieterich, Dieter, Leverkusen, Germany, Federal Republic of
       Bayer Aktiengesellschaft, Leverkusen, Germany, Federal Republic of
PA
       (non-U.S. corporation)
PΙ
       US 3870684 19750311
ΑI
       US 1972-267349 19720629 (5)
       Continuation of Ser. No. US 1970-43651, filed on 29 Apr 1970, now
RLI
       abandoned which is a continuation of Ser. No. US 1967-634086, filed on
       27 Apr 1967, now abandoned
DT
       Utility
LN.CNT 1008
INCL
       INCLM: 260/075.000NH
       INCLS: 260/029.200TN; 260/075.000NE; 260/077.500CH; 260/077.500AA;
              260/077.5000
NCL
              524/591.000
       NCLS: 528/044.000; 528/059.000; 528/085.000; 528/492.000
IC
       [1]
       ICM: C08G022-16
       ICS: C08G022-30; C08G051-24
       260/29.2TN; 260/75NH; 260/77.50
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
=> s boeckh, dieter/in
L62
            33 BOECKH, DIETER/IN
=> s 162 and amino acid containing polymer#
        180433 AMINO
        489025 ACID
       1009655 CONTAINING
        303667 POLYMER#
            30 AMINO ACID CONTAINING POLYMER#
                 (AMINO (W) ACID (W) CONTAINING (W) POLYMER#)
L63
            0 L62 AND AMINO ACID CONTAINING POLYMER#
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